IN THE CLAIMS

Please amend the claims as follows:

Claims 1-13 (Canceled).

Claim 14 (New): A luminous turning button for an electric circuit, comprising:

a handle mounted to pivot about an axis to actuate at least one electric switch unit and that is illuminated by a light source substantially disposed along the axis, the handle including a cap forming a disk and a gripping tab that protrudes in a diametral plane and delimits a hollow internal space;

a light diffuser element housed in the handle and that extends into the hollow space of the cap, and that conducts the light originating from the light source from beneath an integrated mechanical base made of opaque material to the hollow internal space of the cap;

wherein the cap is made of translucent or transparent material capable of allowing light to travel to the outside, and

wherein the cap covers the integrated mechanical base.

Claim 15 (New): The luminous turning button as claimed in claim 14, wherein the mechanical base is of generally annular shape and includes on its underside at least one actuation member interacting with a mechanism.

Claim 16 (New): The luminous turning button as claimed in claim 15, wherein the light diffuser element includes a light entrance face, traverses the annular-shaped base via a central orifice aligned with the axis, and includes a light emitter in the hollow internal space of the cap to diffuse the light to the sides.

Claim 17 (New): The luminous turning button as claimed in claim 16, wherein the light emitter housed in the hollow internal space of the cap is shaped like a prism and receives the light from a light entrance unit attached to the bottom of the handle.

Claim 18 (New): The luminous turning button as claimed in claim 16, wherein the light diffuser element is housed in the handle while being attached by interlocking or snap-fitting in a sealed manner to the handle, the light emitter itself being housed in a sealed manner in the hollow internal space of the cap.

Claim 19 (New): The luminous turning button as claimed in claim 14, wherein the handle further includes an angular position display pointer made of the same material as the integrated mechanical base and molded together therewith.

Claim 20 (New): The luminous turning button as claimed in claim 19, wherein the pointer is in a general shape of an L.

Claim 21 (New): The luminous turning button as claimed in claim 14, wherein the handle is made by double injection of the material of the base and of the material of the cap.

Claim 22 (New): The luminous turning button as claimed in claim 14, wherein the handle is fixedly attached to a tubular rotary actuator whose central bore allows the light originating from the light source to pass through and that includes cam shapes acting on at least one electric unit control cursor.

Claim 23 (New): The luminous turning button as claimed in claim 22, wherein the tubular rotary actuator includes a tubular portion that is snap-fitted close to one end onto a central collar of the handle and includes at the other end the cam shapes to move the cursors.

Claim 24 (New): The luminous turning button as claimed in claim 22, further comprising at a bottom a bowl made in a flange, itself housing the handle, and a seal including a lip pressing against the tubular actuator.

Claim 25 (New): The luminous turning button as claimed in claim 24, wherein the seal is stiffened by a reinforcement.

Claim 26 (New): The luminous turning button as claimed in claim 14, wherein the gripping tab is made of colorless translucent or transparent material, the color of the light emitted by the source and transmitted to the gripping tab being correlated with that of the material of the integrated mechanical base.